

EXHIBIT 8

Disputed CLI Command (or Command Fragment)	Vendors Supporting Command (Not Including Cisco or Arista)*
ip address	17
snmp-server community	17
show users	16
show ip route	16
snmp-server contact	16
snmp-server location	16
show ip ospf interface	16
show clock	16
ip route	15
clock set	15
ipv6 address	15
snmp-server enable traps	15
show ip interface	15
show arp	15
show version	14
snmp-server host	14
tacacs-server key	14
snmp-server user	14
default-information originate (OSPF)	14
show ip ospf	14
show vlan	14
show ip ospf neighbor	14
snmp-server group	14
clock timezone	14
snmp-server view	14
tacacs-server host	14
show spanning-tree	14
ip name-server	13
clear counters	13
maximum-paths	13
terminal length	13
ip access-group	13
router bgp	13
default-metric (OSPF)	12
clear arp-cache	12
ip ospf dead-interval	12
aaa accounting	12
show ip bgp	12
area range	12
aaa authentication login	12
show ip route summary	12
ip ospf hello-interval	12
show ipv6 interface	12

show interfaces	12
show ipv6 route	12
show ip bgp neighbors	12
boot system	12
ipv6 route	12
route-map	12
ip ospf cost	12
router ospf	12
tacacs-server timeout	12
interface ethernet	11
default-metric (OSPFv3)	11
show snmp user	11
area stub	11
show ip interface brief	11
ip ospf priority	11
show privilege	11
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spanning-tree mode	11
ipv6 access-list	11
show ip pim interface	11
lACP system-priority	11
show mac-address-table	11
router rip	11
show route-map	11
show dot1x	11
interface vlan	11
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default-information originate (OSPFv3)	11
show ip bgp summary	11
show snmp engineID	10
lACP port-priority	10
ip igmp snooping	10
show ip igmp groups	10
arp timeout	10
show ip igmp interface	10
ipv6 ospf area	10
dot1x port-control	10
spanning-tree bpduguard	10
mac-address-table aging-time	10
show port-security	10
area default-cost	10
show dot1x statistics	10
show ip pim neighbor	10
ipv6 nd ra lifetime	10

area nssa	10
snmp-server engineID local	10
interface loopback	10
ip helper-address	10
show ipv6 route summary	10
spanning-tree cost	10
show lldp	10
ip ospf transmit-delay	10
area range (OSPFv3)	10
show ip access-lists	10
spanning-tree mst configuration	9
show monitor session	9
show ipv6 neighbors	9
logging host	9
show spanning-tree mst configuration	9
mac access-group	9
dot1x timeout tx-period	9
maximum-paths (OSPFv3)	9
show ipv6 ospf neighbor	9
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show snmp	9
ip pim dr-priority	9
ip access-list	9
router-id	9
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ip proxy-arp	9
area stub (OSPFv3)	9
show interfaces status	9
show ipv6 ospf interface	9
show interfaces switchport	9
show mac-address-table aging time	9
ipv6 nd managed-config-flag	9
show radius	9
show ip igmp snooping	9
show snmp group	9
show ip igmp snooping mrouter	9
show tacacs	9
show ip mroute	9
ip host	9
dot1x reauthentication	9
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show ip ospf border-routers	9
ip igmp query-interval	9
dot1x timeout reauth-period	9
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ip domain-name	8
ipv6 ospf priority	8

ipv6 ospf dead-interval	8
ip ospf authentication-key	8
show storm-control	8
channel-group	8
switchport access vlan	8
banner motd	8
radius-server timeout	8
show ip bgp peer-group	8
show spanning-tree blockedports	8
show ip dhcp snooping	8
ip dhcp snooping	8
ipv6 nd ns-interval	8
spanning-tree port-priority	8
ipv6 nd other-config-flag	8
radius-server key	8
area default-cost (OSPFv3)	8
ipv6 ospf hello-interval	8
show ip ospf database database-summary	8
clear ipv6 neighbors	8
dot1x system-auth-control	8
interface port-channel	8
dot1x timeout quiet-period	8
show spanning-tree interface	8
show ip pim rp-hash	8
address-family	8
ipv6 nd reachable-time	8
ip dhcp snooping vlan	8
show lldp neighbors	8
ipv6 router ospf	8
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area nssa (OSPFv3)	8
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area nssa default-information-originate	8
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ip ospf network	7
aggregate-address	7
port-channel load-balance	7
ntp server	7
ipv6 neighbor	7
ip prefix-list	7
show lacp counters	7
ip nat pool	7
ip multicast-routing	7
lldp receive	7
neighbor next-hop-self	7

switchport trunk native vlan	7
show ntp status	7
area nssa no-summary	7
neighbor remote-as	7
show vrrp	7
ip igmp version	7
ipv6 enable	7
show ip arp	7
ip igmp last-member-query-interval	7
show reload	7
ip igmp snooping querier	7
ip ospf authentication	7
router-id (OSPFv3)	7
neighbor shutdown	7
switchport trunk allowed vlan	7
show ip bgp community	7
show ipv6 ospf	7
ip radius source-interface	7
spanning-tree bpdufilter	6
router isis	6
area nssa default-information-originate (OSPFv3)	6
show qos maps	6
show ip helper-address	6
log-adjacency-changes (IS-IS)	6
ipv6 ospf retransmit- interval	6
show vlan internal usage	6
lldp transmit	6
show vlan private-vlan	6
switchport private-vlan mapping	6
neighbor password	6
clear mac-address-table dynamic	6
banner login	6
is-type	6
ipv6 nd prefix	6
passive-interface (OSPFv3)	6
lldp run	6
show policy-map interface	6
ipv6 prefix-list	6
show ipv6 access-list	6
ipv6 ospf network	6
passive-interface	6
show ip igmp snooping groups	6
show dot1q-tunnel	6
clear ip bgp	6
ipv6 host	6
show ip nat translations	6
log-adjacency-changes	6

neighbor timers	6
network area	6
neighbor route-reflector-client	6
spanning-tree guard	5
show ip bgp regexp	5
ip pim rp-address	5
ip pim rp-candidate	5
show ip extcommunity-list	5
private-vlan	5
ntp authentication-key	5
radius-server deadtime	5
errdisable recovery cause	5
radius-server retransmit	5
show ip community-list	5
ip access-list standard	5
distance bgp	5
show isis database	5
neighbor weight	5
show isis interface	5
ip igmp query-max-response-time	5
ipv6 unicast-routing	5
ip nat translation udp-timeout	5
show mac access-lists	5
neighbor activate	5
ip igmp static-group	5
neighbor default-originate	5
show ntp associations	5
neighbor description	5
ip tacacs source-interface	5
neighbor ebgp-multihop	5
lldp timer	5
neighbor route-map	5
ipv6 dhcp relay destination	5
neighbor update-source	5
show snmp community	5
ntp authenticate	5
show interfaces description	5
show ip prefix-list	5
show snmp view	5
terminal monitor	5
show spanning-tree mst	5
ip nat translation tcp-timeout	5
isis priority	4
timers bgp	4
show inventory	4
ip load-sharing	4
show ip msdp summary	4

show spanning-tree root	4
ip community-list standard	4
show ipv6 prefix-list	4
neighbor remove-private-as	4
ip dhcp snooping information option	4
ip pim sparse-mode	4
set-overload-bit	4
clear spanning-tree counters	4
show ip bgp paths	4
bgp redistribute internal	4
show ipv6 ospf border-routers	4
show interfaces transceiver	4
ipv6 access-group	4
timers basic (RIP)	4
show port-security interface	4
isis metric	4
show vrf	4
show ip msdp peer	4
isis hello-multiplier	4
show ip msdp sa-cache	4
ip local-proxy-arp	4
ip ospf message-digest-key	4
load-interval	4
ip icmp redirect	4
show environment power	4
log-adjacency-changes (OSPFv3)	4
errdisable recovery interval	4
bgp client-to-client reflection	4
snmp-server engineID remote	4
clear ip msdp sa-cache	4
bgp log-neighbor-changes	4
ip pim bsr-candidate	4
neighbor peer-group (assigning members)	4
clear lldp counters	4
neighbor peer-group (creating)	4
bgp cluster-id	4
ip as-path access-list	4
neighbor send-community	4
spf-interval	3
mac-address	3
aaa group server tacacs+	3
show ipv6 bgp	3
neighbor allowas-in	3
show ipv6 bgp summary	3
vrrp preempt	3
ntp trusted-key	3
flowcontrol send	3

ip multicast boundary	3
snmp-server chassis-id	3
passive-interface default	3
neighbor local-as	3
clear ip igmp group	3
ipv6 nd router-preference	3
port-channel min-links	3
show spanning-tree mst interface	3
domain-id	3
flowcontrol receive	3
dot1x pae authenticator	3
mac access-list	3
bgp confederation identifier	3
ip pim spt-threshold	3
isis hello-interval	3
aaa accounting dot1x	3
show module	3
ip igmp snooping vlan	3
clear ip ospf neighbor	3
aaa authorization config-commands	3
bgp confederation peers	3
switchport port-security	3
aaa group server radius	3
show ip rip database	3
clear lldp table	3
show environment temperature	3
show track	3
spanning-tree portfast bpdufilter default	2
vlan internal allocation policy	2
ip msdp mesh-group	2
show port-security address	2
ip igmp startup-query-count	2
show bfd neighbors	2
priority-flow-control mode	2
ip community-list expanded	2
ip msdp sa-filter in	2
show environment all	2
vrrp timers advertise	2
show etherchannel	2
show ip mroute count	2
ip ospf shutdown	2
spanning-tree transmit hold-count	2
show snmp host	2
switchport port-security maximum	2
show snmp trap	2
ip msdp peer	2
lldp reinit	2

APPENDIX G - Summary of Disputed CLI Command Usage by Vendors

isis passive	2
enable secret	2
vrrp ip	2
show interfaces flowcontrol	2
ip igmp snooping vlan static	2
show spanning-tree bridge	2
ip igmp startup-query-interval	2
show interfaces switchport backup	2
ntp source	2
ip igmp last-member-query-count	2
spanning-tree portfast bpduguard default	2
ip msdp sa-filter out	2
spanning-tree vlan	2
ip pim query-interval	2
ip msdp default-peer	2
ip msdp sa-limit	2
neighbor soft-reconfiguration	2
show lacp neighbor	2
ip msdp originator-id	2
show vlan summary	2
show ip pim rp	2
show lldp traffic	2
clear ip mroute	2
show ipv6 bgp neighbors	2
timers throttle spf	2
ip pim ssm range	2
vrrp authentication	2
bfd all-interfaces	2
vrrp priority	2
clear ip nat translation	2
ip igmp snooping vlan immediate-leave	2
ip igmp snooping vlan mrouter	2
timers throttle lsa all	1
ip ospf bfd	1
show port-channel summary	1
show snmp source-interface	1
timers basic	1
show ip msdp mesh-group	1
vrf forwarding	1
spanning-tree loopguard default	1
switchport vlan mapping	1
show ptp clock	1
lldp tlv-select	1
clear ip arp	1
show isis topology	1
lldp holdtime	1
ip msdp shutdown	1

show lacp interface	1
vrrp delay reload	1
aaa authorization console	1
ip pim neighbor-filter	1
show interfaces capabilities	1
show ip ospf request-list	1
ip dhcp smart-relay	1
ipv6 nd ra suppress	1
ipv6 ospf retransmit-interval	1
ip extcommunity-list expanded	1
redundancy force-switchover	1
show mac-address-table aging-time	1
ip msdp description	1
timers lsa arrival	1
switchport backup interface	1
vrrp track	1
ip msdp keepalive	1
vrf definition	1
isis lsp-interval	1
show ip route tag	1
ip extcommunity-list standard	1
art timeout	1
lacp rate	1
show snmp mib	1
ip pim spt-threshold group-list	1
control-plane	1
ip pim bsr-border	1
snmp-server source-interface	1

* Adtran, Alcatel/ALU, Allied Telesis, Avaya, Brocade, Dell, D-Link, Edge-Core, Ericsson, Extreme, Foundry, HP, ISCLI, Juniper, NETGEAR, Procket Networks, Sun/Oracle

Disputed CLI Command (or Command Fragment)	Vendors Supporting Command (HP, Brocade, Alcatel-Lucent, Juniper, and Extreme Only)
show version	5
show ip ospf	5
snmp-server group	5
boot system	5
show ip route	5
clock set	5
snmp-server contact	5
ip address	5
snmp-server location	5
ipv6 address	5

APPENDIX G - Summary of Disputed CLI Command Usage by Vendors

show ip ospf interface	5
show clock	5
show users	5
show interfaces	5
snmp-server community	5
show ip bgp	5
snmp-server enable traps	5
show ip bgp neighbors	5
snmp-server host	5
snmp-server user	5
snmp-server view	5
show ip interface	5
interface ethernet	4
lacp port-priority	4
show snmp user	4
show ip bgp peer-group	4
route-map	4
show ip bgp summary	4
show reload	4
show ip igmp groups	4
show tacacs	4
aaa authentication login	4
show vrrp	4
ip nat pool	4
clock timezone	4
tacacs-server key	4
show ntp status	4
terminal length	4
show route-map	4
ip route	4
show spanning-tree	4
show ip ospf border-routers	4
ipv6 route	4
ipv6 access-list	4
show vlan	4
show ip ospf neighbor	4
aaa accounting	4
show ip pim interface	4
show arp	4
show ip pim neighbor	4
default-information originate (OSPF)	4
banner motd	4
ip access-group	4
show ip route summary	4
tacacs-server host	4
show ip interface brief	4
tacacs-server timeout	4

show ip mroute	4
show ip nat translations	4
ntp server	4
snmp-server engineID local	3
show port-security	3
show ipv6 ospf interface	3
neighbor next-hop-self	3
ip ospf retransmit-interval	3
neighbor remote-as	3
switchport trunk allowed vlan	3
neighbor route-reflector-client	3
show mac-address-table	3
neighbor shutdown	3
ip ospf dead-interval	3
area nssa (OSPFv3)	3
ip proxy-arp	3
neighbor weight	3
clear arp-cache	3
no snmp-server	3
mac-address-table aging-time	3
terminal monitor	3
show lacp counters	3
area range	3
show monitor session	3
router bgp	3
show radius	3
router ospf	3
ip ospf hello-interval	3
router rip	3
ip pim dr-priority	3
area range (OSPFv3)	3
area nssa	3
default-information originate (OSPFv3)	3
ipv6 ospf area	3
default-metric (OSPF)	3
spanning-tree link-type	3
show ip access-lists	3
lldp run	3
default-metric (OSPFv3)	3
neighbor ebgp-multihop	3
errdisable recovery cause	3
show ipv6 route	3
errdisable recovery interval	3
show lldp neighbors	3
area stub	3
show mac-address-table aging time	3
interface loopback	3

ip ospf authentication-key	3
show ip igmp interface	3
show privilege	3
interface vlan	3
ip ospf cost	3
area stub (OSPFv3)	3
show snmp group	3
ip access-list	3
ip ospf priority	3
arp timeout	3
ip ospf transmit-delay	3
ip domain lookup	3
ip prefix-list	3
ip helper-address	3
bgp redistribute internal	3
ip igmp query-interval	3
channel-group	3
ip multicast-routing	3
ipv6 neighbor	3
ip name-server	3
ipv6 prefix-list	3
aggregate-address	3
clear counters	3
show ip pim rp-hash	3
switchport access vlan	3
ip nat translation tcp-timeout	3
switchport trunk native vlan	3
ip nat translation udp-timeout	3
mac access-group	3
show ipv6 access-list	3
maximum-paths	3
show ipv6 interface	3
show ipv6 neighbors	3
neighbor timers	3
area nssa default-information-originate	2
ipv6 nd managed-config-flag	2
domain-id	2
isis metric	2
spf-interval	2
isis priority	2
bgp cluster-id	2
is-type	2
show snmp engineID	2
lacp system-priority	2
ipv6 ospf cost	2
load-interval	2
isis hello-interval	2

log-adjacency-changes (IS-IS)	2
area nssa default-information-originate (OSPFv3)	2
logging host	2
show lldp	2
area nssa no-summary	2
ip routing	2
mac-address-table static	2
show spanning-tree mst configuration	2
interface port-channel	2
ipv6 nd ra interval	2
maximum-paths (OSPFv3)	2
spanning-tree cost	2
neighbor activate	2
ipv6 ospf retransmit- interval	2
neighbor default-originate	2
show ip ospf database database-summary	2
neighbor description	2
ip ospf network	2
neighbor local-as	2
show ipv6 ospf	2
neighbor password	2
show ipv6 route summary	2
neighbor peer-group (assigning members)	2
show module	2
neighbor peer-group (creating)	2
show qos maps	2
address-family	2
show snmp	2
neighbor remove-private-as	2
dot1x reauthentication	2
neighbor route-map	2
show storm-control	2
ip access-list standard	2
ipv6 nd ns-interval	2
neighbor send-community	2
ipv6 nd reachable-time	2
ip as-path access-list	2
ipv6 ospf hello-interval	2
neighbor update-source	2
spanning-tree mode	2
ip community-list standard	2
ipv6 ospf priority	2
ntp authenticate	2
dot1x timeout tx-period	2
ntp authentication-key	2
clear mac-address-table dynamic	2
radius-server host	2

clear spanning-tree counters	2
radius-server key	2
banner login	2
radius-server timeout	2
show ip prefix-list	2
ip domain-name	2
bgp client-to-client reflection	2
router isis	2
show ipv6 ospf border-routers	2
set-overload-bit	2
show ipv6 ospf neighbor	2
ip icmp redirect	2
show isis database	2
ip igmp last-member-query-interval	2
show mac-address-table count	2
show dot1x	2
show ntp associations	2
show dot1x statistics	2
ip radius source-interface	2
show hosts	2
dot1x port-control	2
show interfaces switchport	2
ip tacacs source-interface	2
ip igmp query-max-response-time	2
show snmp community	2
ip igmp snooping	2
show snmp trap	2
show ip bgp community	2
show spanning-tree interface	2
show ip bgp paths	2
show spanning-tree mst interface	2
ip igmp static-group	2
ipv6 enable	2
show ip bgp regexp	2
show vrf	2
ip igmp version	2
ipv6 nd other-config-flag	2
show ip community-list	2
ipv6 nd ra lifetime	2
show ip extcommunity-list	2
dot1x timeout reauth-period	2
show ip helper-address	2
ipv6 ospf dead-interval	2
ip load-sharing	2
spanning-tree bpduguard	2
show ip igmp snooping	2
ipv6 ospf network	2

show ip igmp snooping mrouter	2
spanning-tree mst configuration	2
clear ip msdp sa-cache	2
storm-control	2
show ip msdp peer	2
switchport mode	2
show ip msdp sa-cache	2
ipv6 ospf transmit-delay	2
show ip msdp summary	2
ipv6 router ospf	2
clear ip ospf neighbor	2
isis hello-multiplier	2
clear ipv6 neighbors	2
passive-interface (OSPFv3)	1
timers basic (RIP)	1
spanning-tree portfast bpduguard default	1
router-id (OSPFv3)	1
ipv6 host	1
bfd all-interfaces	1
spanning-tree bpdufilter	1
ip ospf shutdown	1
switchport private-vlan mapping	1
show ipv6 bgp	1
ip dhcp snooping vlan	1
show ipv6 bgp neighbors	1
ntp trusted-key	1
show ipv6 bgp summary	1
ip multicast boundary	1
mac access-list	1
area default-cost (OSPFv3)	1
ip pim bsr-candidate	1
clear ip arp	1
lldp holdtime	1
enable secret	1
lldp receive	1
vrrp priority	1
bgp confederation peers	1
show track	1
lldp timer	1
show vlan internal usage	1
show ipv6 prefix-list	1
snmp-server chassis-id	1
ip pim query-interval	1
port-channel load-balance	1
show environment all	1
clear ip nat translation	1
show environment power	1

bgp confederation identifier	1
show isis interface	1
log-adjacency-changes (OSPFv3)	1
show isis topology	1
spanning-tree vlan	1
ip pim rp-address	1
bgp log-neighbor-changes	1
show environment temperature	1
control-plane	1
ip pim rp-candidate	1
ipv6 unicast-routing	1
show mac access-lists	1
timers throttle spf	1
ip pim spt-threshold	1
show ip rip database	1
ip pim spt-threshold group-list	1
ipv6 dhcp relay destination	1
aaa authorization config-commands	1
show ip dhcp snooping	1
clear ip mroute	1
ntp source	1
ip pim ssm range	1
show vlan private-vlan	1
show interfaces description	1
passive-interface	1
distance bgp	1
ip local-proxy-arp	1
show port-channel summary	1
show ip igmp snooping groups	1
show interfaces flowcontrol	1
dot1x timeout quiet-period	1
show port-security interface	1
private-vlan	1
show interfaces status	1
show ip mroute count	1
neighbor soft-reconfiguration	1
radius-server deadtime	1
show interfaces transceiver	1
spanning-tree guard	1
show inventory	1
radius-server retransmit	1
lldp transmit	1
spanning-tree portfast bpdupfilter default	1
show ip arp	1
spanning-tree port-priority	1
neighbor allowas-in	1
redundancy force-switchover	1

APPENDIX G - Summary of Disputed CLI Command Usage by Vendors

isis passive	1
isis lsp-interval	1
ipv6 access-group	1
switchport port-security	1
ip igmp snooping querier	1
clear ip bgp	1
network area	1
show ip pim rp	1
show snmp view	1
ip host	1
dot1x system-auth-control	1
router-id	1
show spanning-tree blockedports	1
timers bgp	1
ip dhcp snooping	1
vrrp preempt	1
show spanning-tree mst	1
vrrp track	1
log-adjacency-changes	1
area default-cost	1